25X1A filed with [redacted]

NRO REVIEW COMPLETED

DRAFT (Scheufele)
24 June 1968

MEMORANDUM FOR: Talent Control Officer/[redacted]

SUBJECT: Release of Information / Lens Distortion Characteristics

REFERENCES: Your cables [redacted] 4496 and [redacted] 5258

25X1A 25X1A 25X1A

1. The attached information is provided in response to the referenced cables wherein you requested, on behalf of [redacted] 25X1A 25X1A, lens distortion characteristics which could be released [redacted] 25X1A for its use in the manufacture of aspheric correction plates to be fitted into the reductor utilized to enlarge TKH index camera photography for mapping purposes.

2. We foresee no problem with the release of the attached information to [redacted] 25X1A since the information is theoretical in nature and does not necessarily apply to any specific camera or collection system. For your information, the attachment marked B is for the [redacted]

[redacted]

25X1D [redacted] 25X1A

25X1A

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Approved For Release 2002/11/21 : CIA-RDP79B01709A002000010050-5

TOP SECRET

TALENT-KEYHOLE
CONTROL SYSTEM

NRO
25X1

NATIONAL RECONNAISSANCE OFFICE
WASHINGTON, D.C.

25X1A

7 June 1968

MEMORANDUM FOR TALENT CONTROL OFFICER, CIA

SUBJECT: Lens Distortion Characteristics

REFERENCE: TCS 8203/68

25X1A

We concur with the release of the attached data for the purpose of manufacturing aspheric correction plates with the stipulation that the lens and top plate numbers be changed to a 4 digit number and with the understanding that appropriate measures will be taken to avoid calling any unusual attention to this transaction.

25X1A

25X1A

HANDLE VIA
TALENT-KEYHOLE
CONTROL SYSTEM

TOP SECRET

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PAGE 1 OF 1 PAGES

25X1

25X1D

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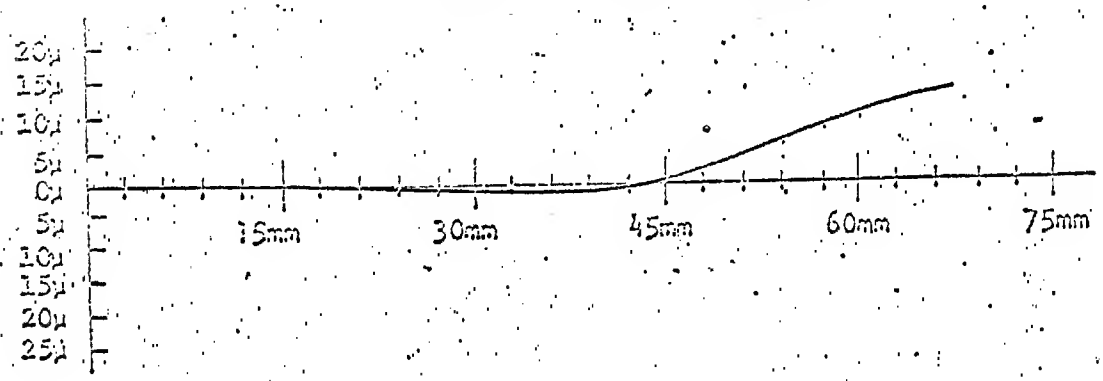
B

RADIAL DISTORTION CORRECTION CURVE



RADIAL DISTORTION CORRECTION VALUES

Radial Distance in mm.	0	6	15	24	33	42	51	60	69
Radial Corr. in μ	0.0	0.0	-.3	-1.1	-1.6	-.4	3.6	10.0	12.5

The values of radial distortion correction are shown in microns and indicate the correction of the photographic image to its distortion free position at the indicated radial distance. A positive value indicates a correction away from the plate center.